

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 October 2002 (03.10.2002)

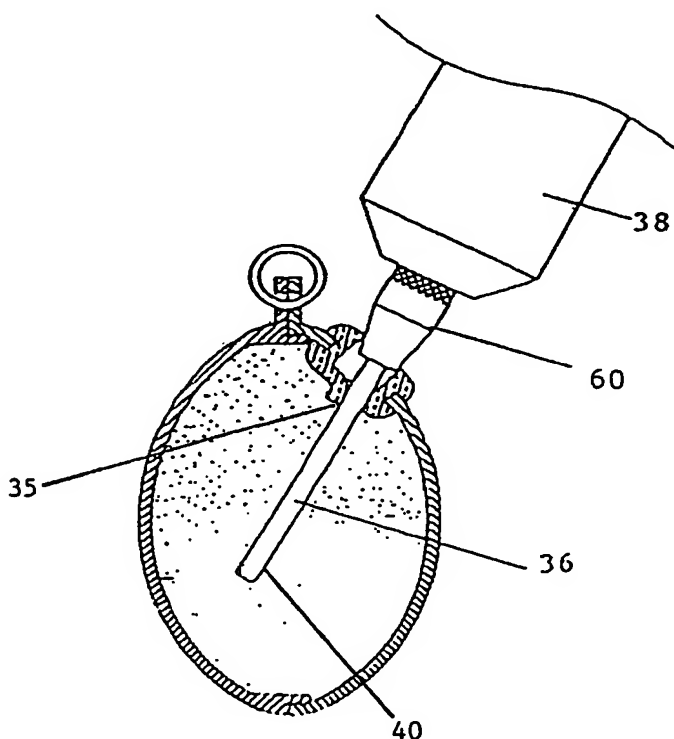
PCT

(10) International Publication Number
WO 02/076843 A1

- (51) International Patent Classification⁷: **B65D 30/10**, 33/16, A63B 41/12
- (21) International Application Number: **PCT/AU02/00383**
- (22) International Filing Date: 27 March 2002 (27.03.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PR 4013 27 March 2001 (27.03.2001) AU
- (71) Applicant (for all designated States except US): **COACH FLANNIGAN ENTERPRISES PTY LTD [AU/AU]**; 32 Alexis Street, Aspley, Queensland 4034 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **NAHUYSEN, Peter, John [AU/AU]**; 32 Alexis Street, Aspley, Queensland 4034 (AU).
- (74) Agent: **FREEHILLS CARTER SMITH BEADLE**; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: **DEVICE FOR LUBRICATION AND/OR STORAGE OF AN INFLATION NEEDLE**



(57) Abstract: A small football or soccer ball shaped container (12) for lubricating an external longitudinal surface of an inflation needle (36) is provided with a cord wearable around the neck of a user. The container has an opening (14) at an upper end for passage (35) therethrough of at least a portion of an inflation needle; and a closure means (32) or grommet (24) with circular rubber sheet (32) moveable from a closed position which at least partially prevents passage of liquid or solid lubricant or lubricating particles such as silicone through the opening. The closure means in the open position allows equilibration of gas pressure within the container with external gas pressure. Another embodiment is an inflation needle storage device comprising a body forming a passage and having resiliently flexible retaining means to resiliently deform upon insertion of the needle into the passage.

WO 02/076843 A1

WO 02/076843 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.